

## Abstract

5 A method of modifying a polymeric material which comprises the steps of  
activation-treatment and a hydrophilic polymer-treatment, or comprises the steps of  
activation-treatment, a hydrophilic polymer-treatment, and monomer grafting in this order,  
or comprises the step of a solvent-treatment followed by these steps. Thus, the  
polymeric material, e.g., polyolefin, is improved in hydrophilicity, adhesion, etc. without  
lowering the practical strength thereof. The polymeric material thus improved in  
adhesion and other properties can be used in many applications where water absorption  
10 and adhesion are required, such as an absorption material, e.g., a wiping/cleansing  
material, a water retention material, a material for microorganism culture media, a  
separator for batteries (or cells), a synthetic paper, a filter medium, a textile product for  
clothing, a medical/sanitary/cosmetic supply, and reinforcing fibers for composite  
materials.

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